

WHAT IS CLAIMED IS:

a first power supply receiving portion for receiving said first power supply,

said electronic camera expansion unit further comprises

5 a unit main body,

a second power supply receiving portion for receiving said second power supply,

an attaching mechanism for detachably attaching said unit main body to the electronic camera, and

10 data connection means, electrically connected to the electronic camera, for transmitting/receiving the image data, and

said second recording medium receiving portion is provided in said unit main body.

15 6. A system according to claim 1, wherein said unit main body comprises

a grip portion incorporating said second power supply receiving portion and arranged on an end portion side in a horizontal direction of the electronic

20 camera, and

a substantially plate-like flat portion integrated with an end portion of said grip portion and attached to a bottom surface of the electronic camera, and incorporating said second recording medium receiving portion and having said data connection means formed at
25 an abutment portion against the bottom surface of the electronic camera.

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7. A system according to claim 6, wherein
said second recording medium has a rotating
member, and

8. A system according to claim 6, wherein said flat portion has, at a position separated from said grip portion via said second recording medium receiving portion, a circuit section for executing the write/read of the image data on/from the second recording medium and transmission/reception of the image data through said connection means by power supplied from said second power supply.

10. A system according to claim 6, wherein said grip portion has, at an upper portion, a release switch for instructing a release operation in the electronic camera.

portion, and

said second recording medium receiving portion is arranged at a portion where the second recording medium can be removed even while said unit main body is being attached to the electronic camera.

12. A system according to claim 5, wherein

said attaching mechanism has a screw threadably engaging with a tripod screw hole of the electronic camera, and

said connection means has a plurality of contacts disposed on a circumference centered on said screw.

13. A system according to claim 6, wherein said flat portion has, at positions corresponding to the plurality of contacts forming said connection means, a circuit section for executing the write/read of the image data on/from the second recording medium and transmission/reception of the image data through said connection means by power supplied from said second power supply.

14. A system according to claim 5, wherein said unit main body further comprises a switch for inhibiting the write/read of the image data on/from the second recording medium.

15. A system according to claim 5, wherein said unit main body further comprises an input terminal for supplying external DC power to said power supply.

16. A system according to claim 6, wherein said

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5 17. A system according to claim 16, wherein
the electronic camera has, on a rear surface side,
a first image quality selection switch for switching
an image quality,

18. A system according to claim 1, wherein
the electronic camera comprises
detection means for detecting an attached state of
said electronic camera expansion unit to the electronic
camera, and

a first power supply receiving portion for receiving said first power supply, and said electronic camera expansion unit comprises the second recording medium receiving portion, a second power supply receiving portion for receiving said second power supply, an attaching mechanism for attaching a unit main

body of said electronic camera expansion unit to
the electronic camera, and

connection means, electrically connected to the
electronic camera, for transmitting/receiving the image
data.

19. A system according to claim 18, wherein
said attaching mechanism has, on an abut surface
against the electronic camera, a projecting portion for
positioning the electronic camera, and

said detection means is arranged at a position
corresponding to the projecting portion to detect that
the projecting portion abuts.

20. A system according to claim 1, wherein the
first recording medium comprises a memory card, and the
second recording medium comprises a hard disk.